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JP9067254A **19970311** [FullText](#)**Title:** (ENG) STABILIZED VITAMIN C COMPOSITION**Abstract:** (ENG)

PROBLEM TO BE SOLVED: To obtain a stabilized vitamin C composition containing an active anti-oxidation substance contained in a green leaf component of a green plant.

SOLUTION: This composition is obtained by compounding 2''-O-glucosyl- isovitexine of the structure of the formula in an amount of 0.01-5mol, preferably 0.05-2mol based on 1mol of vitamin C in terms of the compound of the formula. The compound of the formula is obtained as follows. A green juice is prepared by squeezing a green plant belonging to a group of wheat such as barley, preferably fresh stalks and/or leaves of a young plant harvested before maturity, by a juicer, etc. This juice is dried to obtain powdery material. The green juice or the powder is extracted with water or n- hexane. Water soluble opart or a part substantially insoluble in n- hexance is recovered. The water-soluble part or the n-hexane insoluble part is extatctid with a hydrated alcohol containing 0-80% water, and the component soluble in the hydrated alcohol is recovered follwed by recrystallization and putification to obtain an active anti- oxidation compound of the formula. The substance can be used for foods such as vairious drinks, sweet and candies, medicines quasi-drugs, etc.

Application Number: JP 24699895 A**Application (Filing) Date:** 19950901**Priority Data:** JP 24699895 19950901 A X;**Inventor(s):** KISO HIROSHI ; GOTOU MARI ; HAGIWARA HIDEAKI ; KAMIYAMA HIDEO ; HAGIWARA YOSHIHIDE**Assignee/Applicant/Grantee:** HAGIWARA YOSHIHIDE**Original IPC (1-7):** A61K031375; A23L001302; A61K04726; A61K04746; C09K01508; C09K01534; A23L0033472**Other Abstracts for Family Members:** CHEMABS126(21)282782A; DERABS C97-221690**Other Abstracts for This Document:** CAN126(21)282782A; DERC97-221690**Patents Citing This One (1):**

→ WO2004112817A1 20041229 TAKARA BIO INC JP; OHNOGI HIROMU JP; SUGIYAMA KATSUMI JP;
MURAKI NOBUKO JP; ENOKI TATSUJI JP; SAGAWA HIROAKI JP; KATO IKUNOSHIN JP
EXTRACT FROM PLANT OF JAPANESE PARSLEY FAMILY AND PROCESS FOR
PRODUCING THE SAME

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